

COOPER & DUNHAM LLP
ATTORNEYS AT LAW1185 AVENUE OF THE AMERICAS, NEW YORK, NEW YORK 10036
TELEPHONE: (212) 278-0400

CHRISTOPHER C. DUNHAM
NORMAN H. ZIVIN
JOHN P. WHITE
WILLIAM E. PELTON
ROBERT D. KATZ
DONNA A. TOBIN
RICHARD S. MILNER
RICHARD F. JAWORSKI
PAUL TENG
GARY J. GERSHIK
KEITH J. BARKHAUS
ANTHONY V. FLINT
AUDE GERSPACHER
JEFFREY C. SHIEH
NARESH SRITHARAN
DAVID J. KERWICK
TONIA A. SAYOUR
LESLIE NGUYEN*
NILAY PATEL*

IVAN S. KAVRUKOV
PETER D. MURRAY
JAY H. MAIOLI
ROBERT B. G. MOROWITZ
PETER J. PHILLIPS
WENDY E. MILLER
ROBERT T. MALDONADO
ERIC O. KIRSCH
ALAN J. MORRISON
JASON S. MARIN
MARIA V. MARUCCI
ARIAN A. BARYALAI
ASHTON J. DELAUNEY
CINDY YANG
BRIAN J. AMOS
JOSEPH B. GROSS
DANIEL N. SMITH
KATHERINE RICE*

FACSIMILE: (212) 391-0525
(212) 391-0526
(212) 391-0630

RECEIVED
CENTRAL FAX CENTER

FEB 04 2005

OF COUNSEL
DONALD S. DOWDEN
PEDRO C. FERNANDEZ

FOUNDED 1987
www.cooperdunham.com

* NEW YORK STATE BAR ADMISSION PENDING

FACSIMILE TRANSMISSION**PLEASE DELIVER THE FOLLOWING PAGES**

TO : United States Patent and Trademark Office
ATTN.: Examiner Marianne P. Allen, Group Art Unit 1631
FAX NO.: (703) 872-9306 OUR DOCKET NO.: 0575/58323
FROM : Paul Teng
DATE : February 4, 2005
TOTAL NUMBER OF PAGES, INCLUDING COVER SHEET: 49

Q IF YOU DO NOT RECEIVE ALL THE PAGES, PLEASE CALL BACK AS SOON AS POSSIBLE TO (212) 278-0400.

MESSAGE

Re: Serial No. 09/235,986, filed January 22, 1999

1. Amendment Under 37 C.F.R. §1.116 In Response To November 4, 2004 Final Office Action, including Exhibit A

THE INFORMATION CONTAINED IN THIS FACSIMILE TRANSMISSION IS INTENDED SOLELY FOR THE PERSONAL AND CONFIDENTIAL USE OF THE DESIGNATED RECIPIENT(S) NAMED ABOVE. THIS TRANSMISSION MAY BE AN ATTORNEY-CLIENT COMMUNICATION CONTAINING INFORMATION THAT IS PRIVILEGED AND CONFIDENTIAL. IF THE READER OF THIS MESSAGE IS NOT A DESIGNATED RECIPIENT OR AN AGENT RESPONSIBLE FOR DELIVERING IT TO A DESIGNATED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT YOU HAVE RECEIVED THIS DOCUMENT IN ERROR, AND THAT ANY REVIEW, DISTRIBUTION, OR COPYING OF THIS MESSAGE IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, OR IF UPON READING THIS DOCUMENT YOU HAVE REASON TO BELIEVE THAT THE DOCUMENT WAS INADVERTENTLY SENT TO YOU, PLEASE NOTIFY US IMMEDIATELY BY COLLECT TELEPHONE CALL AND RETURN THE ORIGINAL MESSAGE TO US BY MAIL. THANK YOU.

REPLY UNDER 37 C.F.R. §1.116
EXPEDITED PROCEDURE
GROUP ART UNIT 1631

Dkt. 58323/JPW/PT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Wayne A. Hendrickson and Barry Honig

Serial No.: 09/235,986

Examiner: Marianne P. Allen

Filed: January 22, 1999

Group Art Unit: 1631

For: PROCESS FOR PAN-GENOMIC DETERMINATION OF MACROMOLECULAR
ATOMIC STRUCTURES

1185 Avenue of the Americas
New York, New York 10036
February 4, 2005

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

AMENDMENT UNDER 37 C.F.R. §1.116 IN RESPONSE
TO NOVEMBER 4, 2004 FINAL OFFICE ACTION

This Amendment is submitted in response to the final Office Action mailed November 4, 2004 by the U.S. Patent and Trademark Office in connection with the above-identified patent application. A response to the November 4, 2004 final Office Action is due February 4, 2005. Accordingly, this response is being timely filed.

Amendments to the Claims are reflected in the Listing of Claims section which begins on page 2 of this paper.

Remarks begin on page 10 of this paper.

Computer printouts of web pages regarding facilities at the Argonne National Laboratory Advanced Photon Source are attached hereto as Exhibit A.